Label-free Chemical Imaging of Fungal Spore Walls by Raman Microscopy and Multivariate Curve Resolution Analysis

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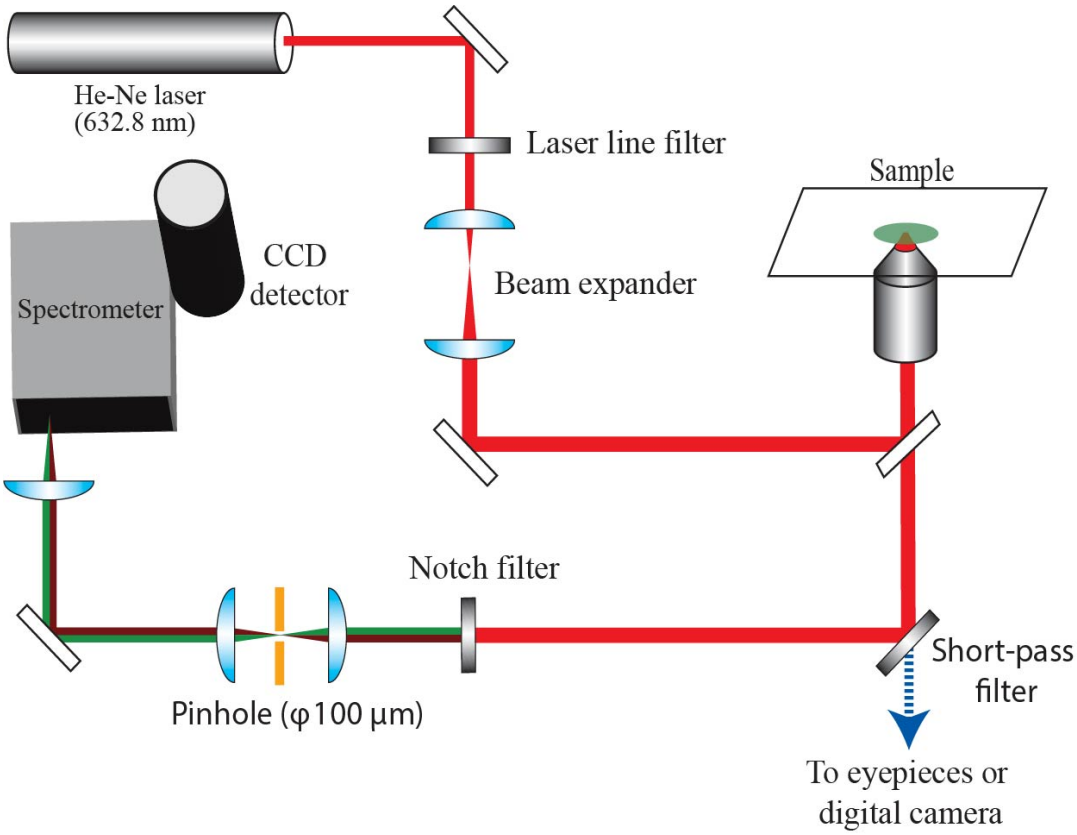
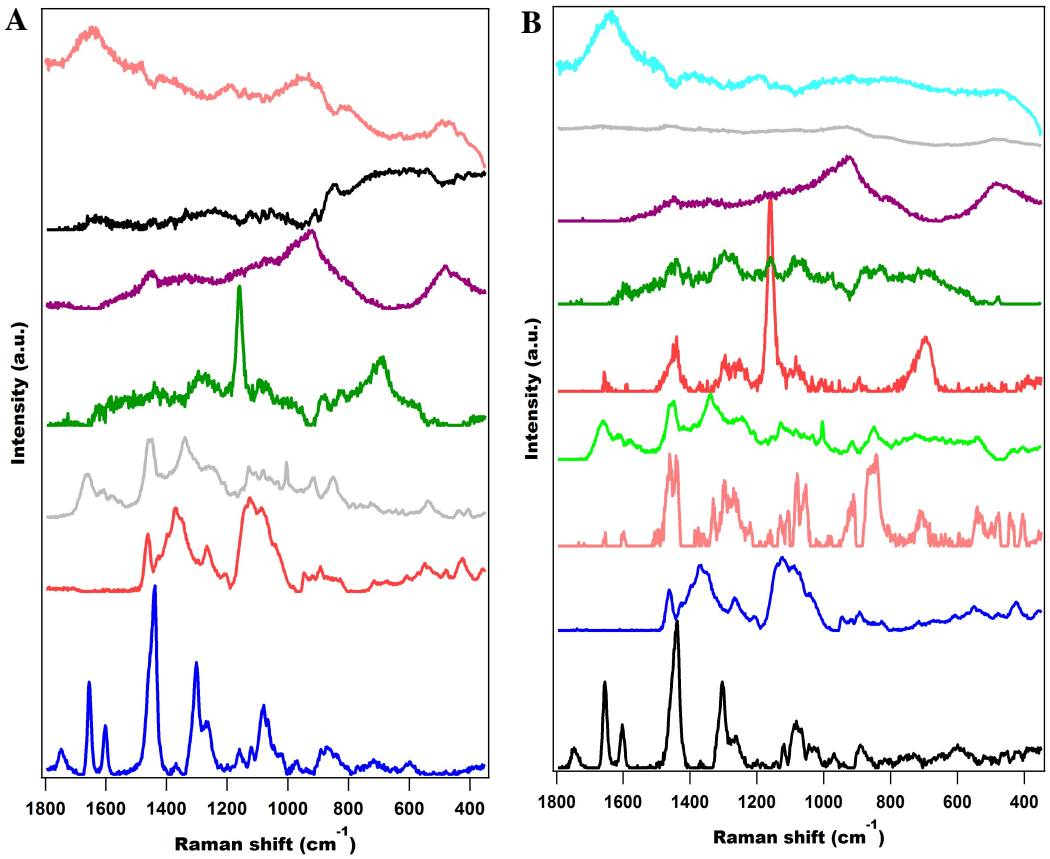
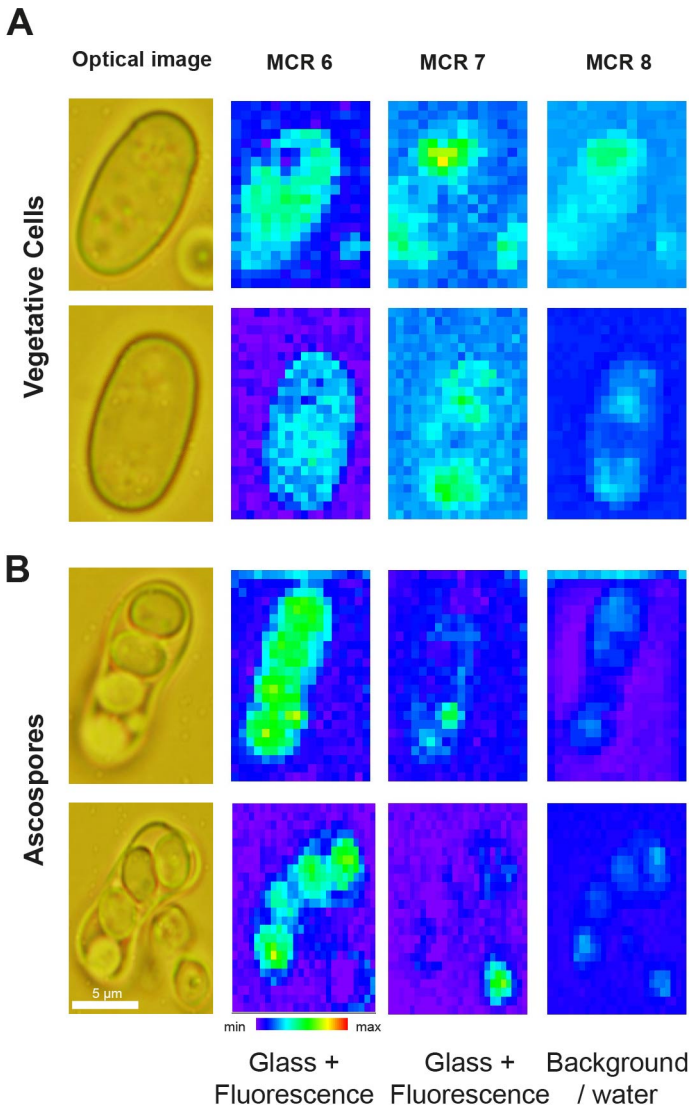


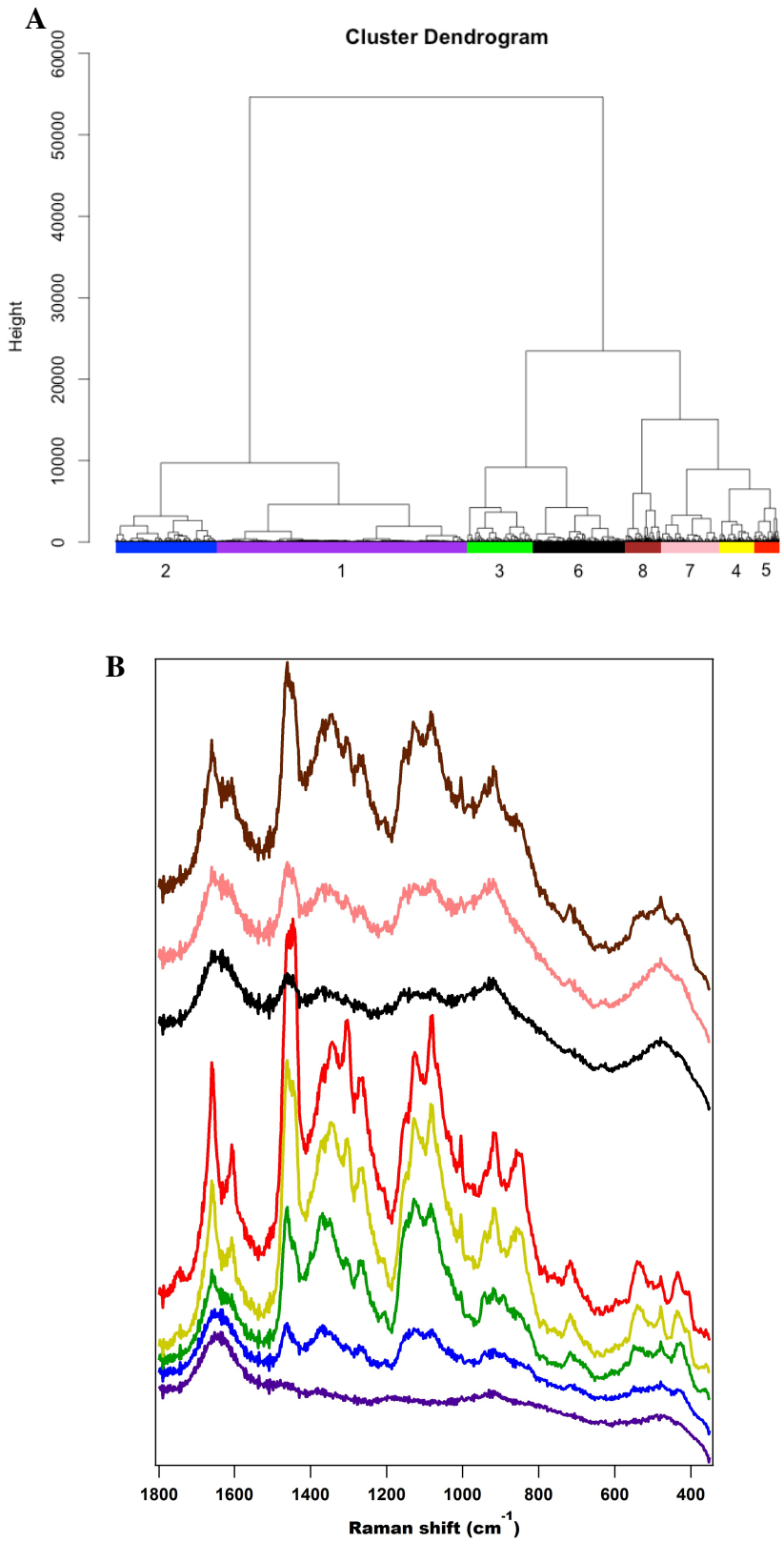
Supplementary Figure 1: Optical layout of Raman microscope used.



Supplementary Figure 2: MCR analyzed Raman spectra from **A)** 7 components model and **B)** 9 components model.



Supplementary Figure 3: Raman images constructed from MCR analysis from last three components shown in the main text. **A**) *S. pombe* vegetative cells and **B**) ascospores.



Supplementary Figure 4: 8 components AHCA. **A)** Dendrogram and **B)** Cluster spectra.